PART B - FEE(S) TRANSMITTAL

Complete and Send	this form, together	orm, together applicable fee(s), to: Mail or Fax			Mail Stop ISSU EE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 (571)-273-2885	
annuai (Cha All Carlon and	respondence including the below or directed otherwise	Dotant advance or	dare and notification	of maintenance feet i	will be mailed to the curren	should be completed where t correspondence address a parate "FEE ADDRESS" fo
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.		
91790 7590 04/21/2006 BUCHANAN INGERSOLL XXXX & ROONEY, LLP (INCLUDING BURNS, DOANE, SWECKER & MATHIS) P.O. BOX 1404				Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.		
ALEXANDRIA, VA 22313-1404 07/26/2006 FMETEKI2 00000082 09842204				Kim A. Cab	ello	(Depositor's name)
01 FC:2501 700.00 OP				TAPL	asecco	(Signature)
02 FC:1504	300.00 OP			July 20, 2	006	(Date)
APPLICATION NO.	FILING DATE	FIRST NAMED INVE		ITOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
TITLE OF INVENTION: S APPLN. TYPE	PATIOTEMPORAL AND C	GEOMETRIC OPT		NSOR ARRAYS FOR I	TOTAL FEE(S) DUE	FLUIDS DATE DUE
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EXAMINER		ART UN	Tr Ci	LASS-SUBCLASS	J	
SINES, BRIAN J 1. Change of correspondence address or indication of "Fee Ad		1743	43 422-050000 2. For printing on the patent front page, li		st	
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form registered attoring the content of the content				f up to 3 registered patent attorneys ternatively, a single firm (having as a member a ey or agent) and the names of up to that attorneys or agents. If no name is		
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)						
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) University of Florida The California Institute of Technology Aerovironment, Inc. Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government						
4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Advance Order - # of Copies Advance Order - # of Copies Deposit Account Number 02-4800 (enclose an extra copy of this form).						
5. Change in Entity Status	•		<u> </u>		I PARTITIVE A CONTRACT	PR 1 27(-)(2)
• •	MALL ENTITY status. See is requested to apply the Issu ublication Fee (if required) v ords of the United States Pate		• •		LL ENTITY status. See 37 C y paid issue fee to the applications stered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature	30	<u>~</u>			y 20, 2006	
Typed or printed name	loseph R. Baker,	Jr.		Registration N	io. 40,900	,
This collection of information an application. Confidential submitting the completed as	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C.	11. The information 122 and 37 CFR	n is required to obtain	n or retain a benefit by t is estimated to take 12 i	he public which is to file (an minutes to complete, including morests on the amount of the	d by the USPTO to process) ng gathering, preparing, and me you require to complete

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Attorney Docket No. 1034345-000095

JUL 2 5 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Batent Application of

Lewis et al.

Application No.: 09/842,204

Filed: April 24, 2001

For: SPATIOTEMPORAL AND

GEOMETRIC OPTIMIZATION OF

SENSOR ARRAYS FOR

DETECTING

Mail Stop ISSUE FEE

Group Art Unit: 1743

Examiner: BRIAN J. SINES

Confirmation No.: 5403

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Mail Stop Issue Fee, P.O. Box 1450, Alexandria, VA 22313-1450 on July 20, 2006.

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By:

im A. Cabello

TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In Response to the Notice of Allowance and Fee(s) Due, mailed April 21, 2006, transmitted herewith for filing are the following:

- 1. Part B Fee(s) Transmittal;
- Form PTO-2038; and
- 3. Return Receipt Postcard.

No fee additional fee is believed to be due in connection with the attached paper. However, in the event an additional fee is required please charge, or to credit any overpayment to, Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully Submitted,

BUCHANAN INGERSOLL & ROONEY LLP

Bv:

Joseph R. Baker, Jr. Registration No. 40,900

Date: July 20, 2006

P.O. Box 1404 Alexandria, VA 22313-1404 (858) 509.7300